

## RFID HARD TAG HT005

### MARKETS:



Industry



Logistics



### COLOURS:



Dark grey    Light grey

The HT005 is a robust RFID hard tag made from high-performance engineered plastic. This material is built to withstand mechanical stress, chemical exposure, and both high and low temperatures. Rectangular in shape, this tag measures **103 x 25 x 6.8 mm** and can be securely applied to **metal surfaces or other materials** using screws or adhesive.

Its read performance varies depending on the mounting surface: **when applied to metal, the HT005 can be read up to 5 meters away, while on plastic materials, it reads up to 3 meters.** It's important to note that the actual read range can vary based on the reader, environmental conditions, and the specific application.

Available in both dark grey and light grey, the HT005 operates on **UHF (Ultra High Frequency)**, supporting both European and US standards. It comes equipped with chips **UCODE 8, MONZA RP6, and HIGGS 9**. Tag customisation is performed using laser technology.

### MARKETS

With an **IP67** protection rating, the HT005 is highly resistant to dust and water, making it suitable for demanding industrial environments. It plays a crucial role in **asset management and logistics**, ideal for tracking assets on various surfaces such as metal, plastic, or other materials like pallets.



European frequency (EU) 868 MHz - US frequency 920 MHz

#### RFID features

Chip	Memory	ISO Standard
UCODE 8	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
MONZA R6P	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P US	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
HIGGS 9	86 bytes - TID: 6 bytes - EPC: 62 bytes	ISO 18000-6C / EPC Class 1 Gen 2

#### Technical specifications

<b>Application</b>	Metal / non-metal surfaces
<b>IP rating</b>	67
<b>Dimensions</b>	103 x 25 x 6.8 mm
<b>Material</b>	Engineering plastic
<b>Weight</b>	8 g
<b>Application method</b>	Adhesive or screws
<b>Operating temperature</b>	-40°C ~ +85°C
<b>Storage temperature</b>	-20°C ~ +70°C

#### Customisation

<b>Colours</b>	Dark grey, light grey
<b>Type of printing and numbering</b>	Laser technology

